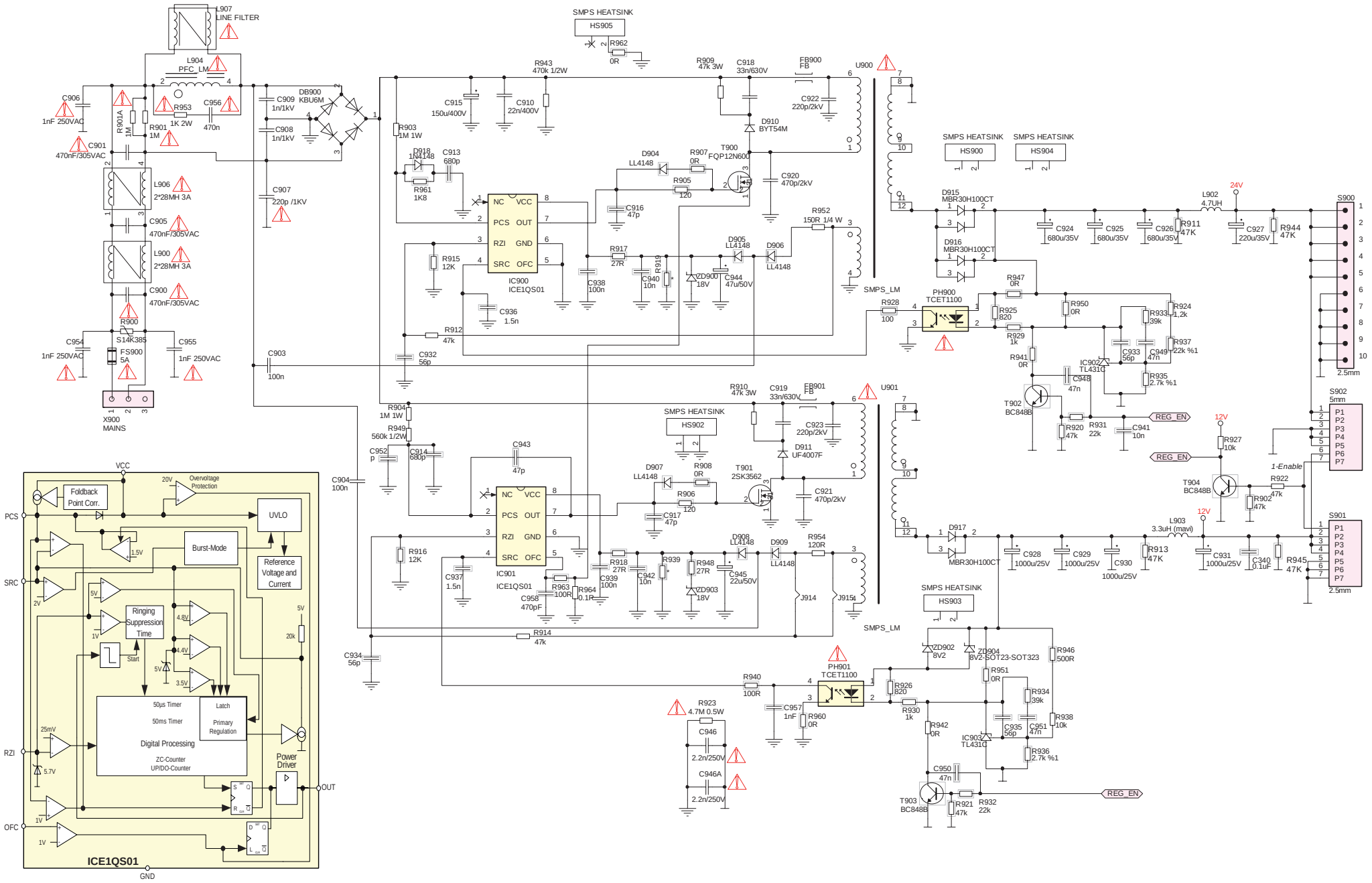
L907
LINE FILTER
L904
PFC_LM
C906
1nF 250VAC
R901A
1M
R901
1M
R953
1K 2W
C956
470n
C901
470nF/305VAC
L906
2*28MH 3A
C905
470nF/305VAC
L900
2*28MH 3A
C900
470nF/305VAC
R900
S14K385
C954
1nF 250VAC
FS900
5A
C955
1nF 250VAC
X900
MAINS
C909
1n/1kV
C908
1n/1kV
DB900
KBU6M
C907
220p /1KV
C903
100n
SMPS HEATSINK
HS905
R962
0R
R943
470K 1/2W
R903
1M 1W
C915
150u/400V
C910
22n/400V
R909
47k 3W
C918
33n/630V
FB900
FB
C922
220p/2kV
U900
D910
BYT54M
D918
1N4148
C913
680p
R961
1K8
D904
LL4148
R907
0R
T900
FQP12N60
R905
120
C920
470p/2kV
C916
47p
IC900
ICE1QS01
NC
VCC
PCS
OUT
RZI
GND
SRC
OFC
R915
12K
R917
27R
R919
C940
10n
ZD900
18V
C944
47u/50V
D905
LL4148
D906
LL4148
R952
150R 1/4 W
C938
100n
C936
1.5n
R912
47k
C932
56p
SMPS_LM
R928
100
PH900
TCET1100
R925
820
R929
1k
R941
0R
R950
0R
R933
39k
R924
1,2k
C933
56p
C949
47n
R937
22k %1
IC902
TL431C
C948
47n
R935
2.7k %1
T902
BC848B
R920
47k
R931
22k
C941
10n
REG_EN
SMPS HEATSINK
HS900
SMPS HEATSINK
HS904
D915
MBR30H100CT
D916
MBR30H100CT
L902
4.7UH
24V
C924
680u/35V
C925
680u/35V
C926
680u/35V
R911
47K
C927
220u/35V
R944
47K
S900
2.5mm
R947
0R
12V
R927
10k
T904
BC848B
R922
47k
R902
47k
1-Enable
S902
5mm
P1
P2
P3
P4
P5
P6
P7
2.5mm
S901
R904
1M 1W
R949
560k 1/2W
C952
p
C914
680p
C943
47p
C904
100n
SMPS HEATSINK
HS902
R910
47k 3W
C919
33n/630V
FB901
FB
C923
220p/2kV
D911
UF4007F
U901
D907
LL4148
R908
0R
T901
2SK3562
R906
120
C917
47p
C921
470p/2kV
IC901
ICE1QS01
NC
VCC
PCS
OUT
RZI
GND
SRC
OFC
R916
12K
C937
1.5n
R918
27R
C939
100n
R939
C942
10n
R948
27R
C945
22u/50V
ZD903
18V
D908
LL4148
D909
LL4148
R954
120R
J914
J915
C958
470pF
R963
100R
R964
0.1R
R914
47k
C934
56p
SMPS_LM
PH901
TCET1100
R940
100R
R923
4.7M 0.5W
C946
2.2n/250V
C946A
2.2n/250V
C957
1nF
R960
0R
R926
820
R930
1k
ZD902
8V2
ZD904
8V2-SOT23-SOT323
R946
500R
R951
0R
R934
39k
C935
56p
C951
47n
R938
10k
IC903
TL431C
R936
2.7k %1
R942
0R
C950
47n
T903
BC848B
R921
47k
R932
22k
REG_EN
D917
MBR30H100CT
C928
1000u/25V
C929
1000u/25V
C930
1000u/25V
L903
3.3uH (mavi)
C931
1000u/25V
C340
0.1uF
R913
47K
R945
47K
VCC
Foldback
Point Corr.
20V
Overvoltage
Protection
UVLO
PCS
Burst-Mode
1.5V
Reference
Voltage and
Current
SRC
2V
5V
Ringing
Suppression
Time
1V
Start
4.8V
4.4V
3.5V
5V
20k
50µs Timer
50ms Timer
Digital Processing
ZC-Counter
UP/DO-Counter
Latch
Primary
Regulation
Power
Driver
OUT
25mV
RZI
5.7V
OFC
1V
ICE1QS01
GND